



Oracle

Exam Questions 1Z0-404

Oracle Communications Session Border Controller 7 Basic Implementation Essentials

NEW QUESTION 1

You are configuring access rules in a Session Border Controller Peering architecture. Which configuration step is required to allow access from any User Agent (UA)?

- A. Navigate to the sip-port configuration element and set the allow-anonymous parameter to all.
- B. Navigate to the realm-config configuration element and set the addr-prefix parameter to the IP subnet of your trusted User Agent (UA).
- C. Navigate to the sip-port configuration element and set the allow-anonymous parameter to address-prefix.
- D. Navigate to the session-agent configuration element and set the ip-address parameter to the IP subnet of your trusted User Agent (UA).
- E. Navigate to the sip-port configuration element and set the allow-anonymous parameter to agents-only.

Answer: A

NEW QUESTION 2

What is the first thing you must do when setting up the boot parameters of the Session Border Controller?

- A. reset the system clock
- B. know the superuser mode password and access the configuration mode
- C. disable FTP access to the wancom0 management interface
- D. obtain the bootparam license
- E. verify the configuration by executing the verify-config command

Answer: D

NEW QUESTION 3

You are configuring access rules in a Session Border Controller Peering architecture.

Which two configuration steps are required to allow access only from User Agents (UAs) in a specific IP subnet? (Choose two.)

- A. Navigate to the sip-port configuration element and set the allow-anonymous parameter to realm-prefix.
- B. Navigate to the session-agent configuration element and set the ip-address parameter to the IP address of your trusted User Agent (UA).
- C. Navigate to the sip-port configuration element and set the allow-anonymous parameter to agents-only.
- D. Navigate to the sip-port configuration element and set the allow-anonymous parameter to all.
- E. Navigate to the realm-config configuration element and set the addr-prefix parameter to the IP subnet of your trusted User Agents (UAs).

Answer: BC

NEW QUESTION 4

You made a configuration change to a media interface.

Which command must be executed to commit the change to volatile (RAM) memory?

- A. From configuration mode, execute the done command.
- B. From superuser mode, execute the write-config command.
- C. From user mode, execute the save-config command.
- D. From user mode, execute the commit-config command.
- E. From superuser mode, execute the save-config command.

Answer: A

Explanation: Reference <http://www.oracle.com/webfolder/technetwork/acmepacket/Additional%20Technical%20Solution%20Documentation/SFB%20video%20ESBC.pdf>

NEW QUESTION 5

Which two statements are true about a realm on the Session Border Controller?

- A. It can only have one steering poolport per realm.
- B. It is a layer 3 abstraction of a VoIP network.
- C. It is a logical definition of a network or group of networks comprising devices that provide real-time communication.
- D. It is a layer 5 abstraction of a VoIP network.
- E. It is a collection of IP devices that perform IP routing functions.

Answer: BC

NEW QUESTION 6

The Session Border Controller is not routing calls to a specific SIP endpoint from the backbone realm to the access realm in an Access-Backbone architecture. How can you troubleshoot this routing issue?

- A. by running the notify berpd force command
- B. by running the show sipd endpoint-ip <phone number> command
- C. by checking the sip-manipulation configuration element used for routing from the backbone realm to the access realm
- D. by checking the registration-cache configuration element used for routing from the access realm to the backbone realm
- E. by checking the local-policy configuration element used for routing from the access realm to the backbone realm

Answer: D

NEW QUESTION 7

The Session Border Controller needs to be configured to act as a Back-to-Back User Agent (B2BUA). How would you accomplish this?

- A. Navigate to the sip-config configuration element and set the operation-mode to stateless.
- B. Navigate to the sip-config configuration element and set the operation-mode to dialog.
- C. Navigate to the sip-config configuration element and set the operation-mode to stateful.
- D. Navigate to the session-router configuration element and set the operation-mode to dialog.
- E. Navigate to the session-router configuration element and set the operation-mode to none.

Answer: B

NEW QUESTION 8

How does the SIP registrar server maintain the registered user's information in its database?

- A. by querying a DNS server
- B. by querying an ENUM server
- C. by creating a registration cache entry, which is an association between a layer 3 IP address and the User Agent (UA) Via address
- D. by creating a location record, which is an association between the Call-ID and the User Agent (UA) Contact address
- E. by creating a binding, which is an association between a globally unique SIP URI and the User Agent (UA) Contact address

Answer: D

NEW QUESTION 9

You configured the Session Agent Group (SAG) element. You want the Session Agent to be selected in the order in which they are listed in the destination list, with each agent selected in turn, one per session. How would you accomplish this?

- A. Navigate to the session-agent configuration element and set the strategy parameter to sequential.
- B. Navigate to the session-agent configuration element and set the strategy parameter to propdist.
- C. Navigate to the session-agent configuration element and set the strategy parameter to hunt.
- D. Navigate to the session-agent configuration element and set the strategy parameter to roundrobin.
- E. Navigate to the session-agent configuration element and set the strategy parameter to leastbusy.

Answer: D

NEW QUESTION 10

After configuring Header Manipulation Rules (HMRs) for topology hiding, your subsequent testing shows that the manipulation is not taking effect. Identify two causes for this (Choose two.)

- A. You have not configured the out-manipulationid parameter of the sip-interface configuration element.
- B. You have not enabled policy-based realm-bridging.
- C. The value of the name parameter in the header-rule configuration element is different than the value of the out-manipulationid parameter in the sip-interface configuration element.
- D. The value of the match-val-type parameter is not written correctly.
- E. The home-proxy-address value does not match the \$LOCAL_IP value in the new-value parameter.

Answer: AE

NEW QUESTION 10

CORRECT TEXT

Which statement is true about the Host In Path (HIP) feature in the Session Border Controller?

- A. By default, the Session Border Controller's FTP, ICMP, SNMP, and Telnet services cannot be accessed via the management interfaces.
- B. To enable these services (FTP, ICMP, SNMP, and Telnet services), the enable host-in-path command must be executed from the superuser mode.
- C. To enable these services, the Session Border Controller includes a software license that enables administrative traffic over the media interfaces.
- D. By default, the Session Border Controller's FTP, ICMP, SNMP, and Telnet services cannot be accessed via the media interfaces.
- E. These four fields (FTP, ICMP, SNMP, and Telnet services) are collectively known as the Host Interface Priority.

Answer: A

Explanation: Reference https://docs.oracle.com/cd/E52358_01/doc/sbc_scx620_aclconfiguration.pdf

NEW QUESTION 14

Upon issuing the done command, you get an Error 409. Which two options explain this error? (Choose two.)

- A. You are trying to create an element with a unique identifier that already exists.
- B. The configuration element you are creating is corrupted.
- C. The element you are trying to save does not exist.
- D. There is an internal server error.
- E. You are trying to create a second instance of a single-instance configuration element.

Answer: AE

NEW QUESTION 18

You want to configure the maximum duration in seconds of any session in the Session Border Controller.

How would you accomplish this?

- A. Navigate to the media-manager configuration element and configure the max-signaling- bandwidth parameter.
- B. Navigate to the media-manager configuration element and configure the flow-time-limit parameter.
- C. Navigate to the sip-config configuration element and configure the operation-mode parameter.
- D. Navigate to the sip-config configuration element and configure theflow-time-limit parameter.
- E. Navigate to the media-manager configuration element and configure the latching parameter.

Answer: C

NEW QUESTION 23

Which statement is true about Session Border Controller architectures andrealm bridging?

- A. The Hosted NAT Traversal (HNT) architecture focuses on the border point between two different service provider networks, both in the home realm.
- B. The Hosted IP architecture focuses on the border point between one enterprise network realm and one service provider network realm.
- C. The Access-backbone architecture focuses on the border point between two backbone realms.
- D. The Peering architecture focuses on the border point between two different service provider networks and theirrealms.
- E. The Gateway architecture Focuses on the border point between one enterprise network realm and one service provider network realm.

Answer: B

NEW QUESTION 25

Which configuration step is correct for a phy-interface configuration element used for signaling and/or media?

- A. A phy-interface elementmust be configured for each interface used for High Availability(HA) heartbeats, but not for signaling and/or media.
- B. After configuring a phy-interface configuration element for signaling and/or media, a reboot of the Session Border Controller is required.
- C. A phy-interface configuration element must be configured for each interface used.
- D. A unique phy-interface configuration element is created for all signaling/media interfaces.
- E. A phy-interface configuration element for signaling and/or media has the operation-type parameter set to control.

Answer: B

NEW QUESTION 26

Which three statements are true about SIP, per RFC 326? (Choose three.)

- A. SIP does not provide for resource reservation.
- B. SIP defines native methods for negotiating media streams.
- C. A SIP transaction occurs between a client and a server.
- D. To set up a voice session, SIP relies on protocols such as SDP and RTP.
- E. SIP signaling can only be used for voice over IP thereby limiting its use as a general signaling protocol.

Answer: CDE

NEW QUESTION 30

From which Session Border Controller node in a high availability (HA) pair, could a network administrator trigger a system switchover manually by issuing the notify berpd force command?

- A. Secondary only
- B. Active node that no longer has a heartbeat
- C. Standby only
- D. Active only
- E. Standby orActive

Answer: D

NEW QUESTION 35

You used the no command to delete a configuration element. Whichstatement is true?

- A. The deletion is lost on immediate reboot.
- B. The deletion is reflected when viewing the running configuration.
- C. The deletion takes effect immediately in the saved configuration.
- D. The deletion always requires a reboot to take effect.
- E. The deletion requires auto-save enabled.

Answer: A

NEW QUESTION 37

Which two statements describe the functions of Session Border Controllers? (Choose two.)

- A. they replace typical edge routers and firewalls in order to provide a unified network border forsignaling and media control
- B. they are session-aware devices that enable control of end-to-end interactive communications across IP network borders
- C. they are based on the Windows operating system
- D. they provide routing functions for IP, TCP, and SMTPusing application parameters
- E. they provide signaling proxy functions for SIP, H.323, and MGCP, which includes access control, signaling constraints, and topology hiding

Answer: AE

NEW QUESTION 39

Which three options are valid ways to apply Header Manipulation Rules (HMRs) to your existing configuration?

- A. Navigate to the network-interface configuration element and configure the in-manipulationid parameter.
- B. Navigate to the session-agent configuration element and configure the in-manipulationid parameter.
- C. Navigate to the sip-interface configuration element and configure the in-manipulationid parameter.
- D. Navigate to the session-agent configuration element and configure the in-manipulationid parameter.
- E. Navigate to the session-group configuration element and configure the in-manipulationid parameter.

Answer: ABC

NEW QUESTION 44

You are associating network-interface configuration elements with a physical-interface configuration element on the Session Border Controller. Which parameter must contain the same unique ID in these two configuration elements?

- A. port-id
- B. identifier
- C. unique-id
- D. name
- E. sub-port-id

Answer: A

NEW QUESTION 49

Your Session Border Controller is configured as the source and destination for all signaling messages and media streams coming into and leaving the provider's network.

Which two SIP functions does it provide? (Choose two.)

- A. an IP edge router
- B. Back-to-Back User Agent (B2BUA)
- C. Edge proxy
- D. Data firewall
- E. Media gateway

Answer: BD

NEW QUESTION 54

Which node automatically assumes the active role when peers boot simultaneously and their health scores are equivalent in a High Availability (HA) scenario?

- A. the node with the highest wancom IP address
- B. the node that is configured as secondary
- C. the node that had the role of active last
- D. the node with the lowest wancom IP address
- E. the node with the highest round-robin score

Answer: D

NEW QUESTION 56

What is the drawback of configuring Policy-Based Realm Bridging (PBRB) without the assistance of Header Manipulation Rules (HMRs)?

- A. Topology hiding is incomplete.
- B. The configuration requires a home realm to be defined, which can make privacy harder to achieve.
- C. The configuration requires you to enable SIP-NAT bridging, which is complex.
- D. The architecture is simple, and really designed for lab environments.
- E. The performance is poor relative to other models.

Answer: C

NEW QUESTION 61

In which two ways can you remove support for telnet from a media interface? (Choose two.)

- A. Navigate to the network-interface configuration element and run the delete-hip-ip <IP address> command.
- B. Navigate to the phy-interface configuration element and run the remove-hip-ip <IP address> command.
- C. Navigate to the network-interface configuration element and run the remove-telnet-ip <IP address> command.
- D. Navigate to the network-interface configuration element and run the remove-hip-ip <IP address> command.
- E. Navigate to the phy-interface configuration element and run the remove-telnet-ip <IP address> command.

Answer: AC

NEW QUESTION 62

When setting up the registration-caching parameter to enabled in the sip-interface configuration element, _____.

- A. the Session Border Controller will never use the SIP-NAT mechanism for routing
- B. the Session Border Controller will not use the registration cache for routing
- C. all endpoints in the realm will be cached when registered
- D. only endpoints behind NAT in the realm will be cached when registered
- E. the Session Border Controller will never use the local-policy mechanism for routing

Answer: A

NEW QUESTION 64

You want to prevent the Session Border Controller from generating a unique Call-ID and from modifying the dialog tags. How would you accomplish this?

- A. Navigate to the sip-interface configuration element and set the dialog-transparency parameter to disabled.
- B. Navigate to the sip-config configuration element and set the dialog-mapping parameter to disabled.
- C. Navigate to the sip-config configuration element and set the call-id-transparency parameter to disabled.
- D. Navigate to the sip-config configuration element and set the dialog-transparency parameter to disabled.
- E. Navigate to the sip-config configuration element and set the dialog-transparency parameter to enabled.

Answer: E

Explanation: Reference <http://luccisun.webfactional.com/sbc/SBC/NNSBCNOTE.html>

NEW QUESTION 69

You are configuring a network interface to enable the Session Border Controller to use the interface for signaling and media. Identify two valid configuration steps for supporting VLAN 12 (Choose two.)

- A. Navigate to the network-interface configuration element and set the sub-port-id parameter to 12.
- B. Navigate to the network-interface configuration element and set the sub-port-id parameter to 0.
- C. Navigate to the phy-interface configuration element and configure the hip-id parameter.
- D. Navigate to the phy-interface configuration element and configure the pri-utility-address parameter.
- E. Navigate to the network-interface configuration element and configure the name parameter.

Answer: AC

NEW QUESTION 74

How does the Session Border Controller ensure that a pinhole is kept open for persistent communication to a SIP endpoint behind a NAT device?

- A. by changing the expires= parameter to a defined value in 200 OK responses to REGISTERs
- B. by changing the expires= parameter to a defined value in 200 OK responses to INVITEs
- C. by issuing PINGs to the endpoint's NAT address
- D. by sending Address Resolution Protocol (ARP) requests at a defined frequency
- E. by sending messages at a defined frequency

Answer: D

NEW QUESTION 76

What is the effect of executing the save-config command in superuser mode?

- A. The running configuration version is reset to 1.
- B. The running configuration version does not increase and is equal to the saved configuration version.
- C. The saved configuration version increases by 1 and is higher than the running configuration version.
- D. The running configuration version increases by 1 and is higher than the saved configuration version.
- E. The editing configuration version increases by 1 and is higher than the saved configuration version.

Answer: C

NEW QUESTION 79

Which SIP headers in an incoming SIP message to the Session Border Controller are used by a local-policy configuration element for routing?

- A. From and To headers
- B. From header and Request-URI
- C. Call-Id header
- D. Contact header
- E. Via and To headers.

Answer: D

NEW QUESTION 83

What is the first thing you should do when you want the Session Border Controller to detect that an endpoint is behind a NAT/firewall device?

- A. Navigate to the sip-port configuration element and set the nat-traversal parameter to disabled.
- B. Navigate to the sip-interface configuration element and set the nat-traversal parameter to never.
- C. Navigate to the sip-interface configuration element and set the nat-traversal parameter to always.
- D. Navigate to the sip-port configuration element and set the nat-traversal parameter to enabled.
- E. Navigate to the sip-interface configuration element and set the nat-traversal parameter to detect.

Answer: C

NEW QUESTION 85

You want to view an existing multiple-instance element's configuration.

What step should you perform after you go to the correct branch of the configuration tree?

- A. Select the element and then issue the show command.
- B. Type show <element name>.
- C. Type show ? and select from the displayed list.
- D. Type is -a.
- E. Enter the name of the element and then issue the show command.

Answer: E

NEW QUESTION 89

Which two statements are correct about configuring realms and their corresponding interfaces? (Choose two.)

- A. You can associate multiple home realms with a single network interface.
- B. You can configure more than one SIP interface per realm.
- C. Although you can use both TCP and UDP concurrently as the transport protocol, you can only have one SIP interface per realm.
- D. You can associate multiple realms with a single network interface.
- E. You can associate multiple network interfaces with a single realm only when either TCP or UDP is used as the transport protocol.

Answer: CD

NEW QUESTION 90

Examine the output below from the show sipd invite command:

```
training1# show sipd invite
INVITE (18:27:20-140)
-----Server-----
Message/Event      Recent      Total      PerMax
INVITE Requests    1247        47051      1156
Retransmissions    0           0          0
100 Trying         1247        47051      1156
180 Ringing        1196        46059      1156
200 OK             1171        44113      1029
408 Request Timeout 49          941        76
487 Terminated    21          1869       173
503 Service Unavail 0           1          1
600 Busy Everywhere 4           161        13
Response Retrans   0           45         6
Transaction Timeouts 95         1748       138
-----Client-----
```

How many 600 Busy Everywhere messages sent by the Session Border Controller in the last 140 seconds did not originate from a downstream device?

- A. 157
- B. 13
- C. 4
- D. 161

Answer: B

NEW QUESTION 93

Which three statements are true about the bootloader? (Choose three.)

- A. It decompresses the image file and loads it into the main RAM
- B. It reads the image file
- C. It is based on Linux
- D. It looks at the boot parameters
- E. It is a Windriver's VxWork product

Answer: ABD

NEW QUESTION 98

You are configuring access rules in a Session Border Controller Peering architecture. Which two configuration steps are required to allow access only from User Agents (UAs) configured as session agents? (Choose two.)

- A. Navigate to the sip-port configuration element and set the allow-anonymous parameter to all.
- B. Navigate to the session-agent configuration element and set the ip-address parameter to the IP subnet of your trusted User Agent (UA).
- C. Navigate to the realm-config configuration element and set the addr-prefix parameter to the IP subnet of your trusted User Agent (UA).
- D. Navigate to the sip-port configuration element and set the allow-anonymous parameter to agents-only.
- E. Navigate to the sip-port configuration element and set the allow-anonymous parameter to address-prefix.

Answer: BE

NEW QUESTION 101

You were working with the Session Border Controller in configuration mode and you forgot to close your session. Your colleague who connected after you left says that he cannot enter into configuration mode. Why is your colleague not able to configure the Session Border Controller?

- A. The Session Border Controller does not allow more than one configuration session within 24 hours.

- B. The Session Border Controller does not support Telnet/SSH timeouts.
- C. The Session Border Controller supports only one simultaneous configuration session, and the Telnet/SSH timeouts are set to 0.
- D. The Session Border Controller supports only 10 simultaneous configuration sessions.
- E. The Session Border Controller supports only five simultaneous Telnet/SSH sessions.

Answer: C

NEW QUESTION 106

The Session Border Controller ACLI is structured in a way that separates configuration of layers 3,4, and 5. This allows the system administrator to link each configuration together as needed for signaling and media routing purposes.

Which two options are valid to link signaling and media interfaces to a realm? (Choose two.)

- A. Navigate to the iwf-config configuration element and set the media-interface-id parameter to the realm name.
- B. Navigate to the account-config configuration element and set the realm-id parameter to the realm name.
- C. Navigate to the network-interface configuration element and set the sip-interface-id parameter to the realm name.
- D. Navigate to the steering-pool configuration element and set the realm-id parameter to the realm name.
- E. Navigate to the sip-interface configuration element and set the realm-id parameter to the realm name.

Answer: AB

NEW QUESTION 111

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